PF Series

Installation & Operating Manual
PM13500PF
PM13500UF - UV Option

Warning!
Never leave children unsupervised around water.

Table of Contents

1. Safety guidelines
2. Product Specification
3. Exploded Drawing
4. Installation
5. Open the lid
6. Filter Media Placement
7. Inlet/Outlet Installation
8. Start- up method
9. Backwash Method
10. UV light Usage and Replacement (PM13500PUF)

LIMITED WARRANTY

ADG Global Supply Pty Ltd will repair or replace any unit found to be defective within two years of original purchase. Cutting or altering cord removing or defacing product labels voids any warranty consideration. For warranty repair return only the part that is defective to your local dealer. Please include a dated proof of purchase. Damages or injuries resulting from negligence, shipping, handling, improper installation, maintenance or misuse of the product are not covered by warranty. This warranty gives you specific legal rights which vary from state to state.

To validate this warranty keep your proof of purchase (copy of sales receipt).

TWO YEAR WARRANTY

Head Office Australia
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17 Oxleigh Drive Malaga WA 6090
Phone: 61 8 9249 7599 Fax: 61 8 9249 7699

National Customer Service: *1300 132 302*

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Universal Pumps Range by ADG Global Supply

● Perth ● Adelaide ● Melbourne ● Sydney ● Brisbane

"moving water"

Universal Pumps Range by ADG Global Supply Pty Ltd

PHONE: 1300 132 302

1. SAFETY GUIDELINES

Foremost, we deeply appreciate your purchase of PondMate PF Series pressurised filter. For the correct and safe usage of this product, please read thoroughly and understand fully this user's manual before operating the pressurised filter. Please understand our company will not be responsible for any disease, wither, or death of fish, water plants, and other organisms caused by incidents attributed to incorrect operating method or inadequate maintenance. In effort to improve product quality, we will make necessary modifications to our existing model without prior notification.

CAUTION

1. Please check immediately after purchase for damage or missing parts
2. Please install the unit in stable position above water level or bury the filter canister in the ground
3. Best used in ponds with volume capacity of 13,500L (3,600Gal) or less.
4. Before operation, please check again for proper connection. After initial start, please observe a while to make sure no leakage or unusual working condition.
5. This product is limited to artificial pond only, please do not use for any other purposes
6. Install the unit on levelled surface and never place it horizontally or place object on top or encircle it with something.
7. Electric cord has been treated for waterproofing, please use with caution since it won't be repair able or replaceable.
8. Inappropriate use of filter materials will result in reduced flow, therefore, please use filter materials provided by our company.
9. Please use adequate length of connecting tube. Overly long length will lead to tube bending which inhabits flow. Please do not connect two filter units together or apply one to multiple ponds.
10. Regular cleaning of every part and replacing of gasket and sealant will reduce breakage and increase product life.
11. The maximum head height (Qmax) of the selected pump can't be over of 5.0m.

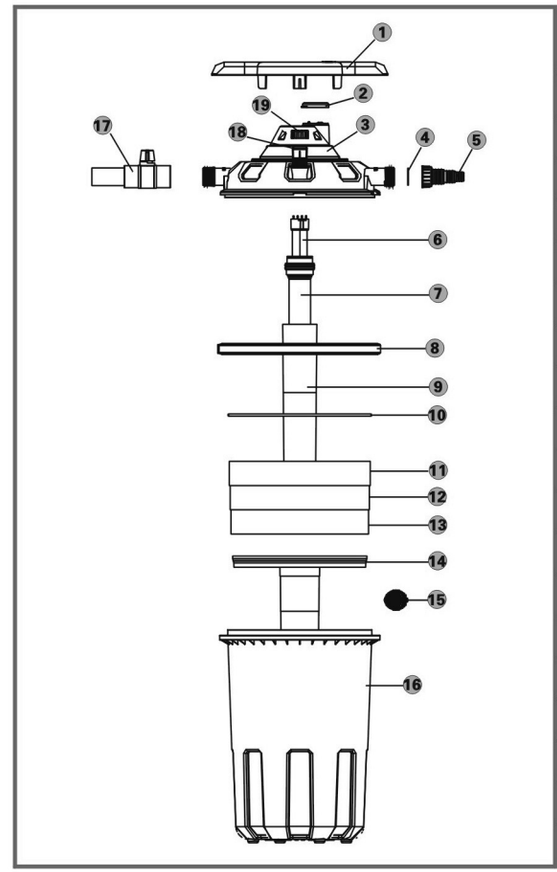
Reminder

Before operating hand, please unplug the power with dry hands. Use this filter within the specified voltage rating parameter. Keep the power cord, plug, and receptacle clean and dry. Prevent children from operating the unit. Do not use near flammable material.

2. PRODUCT SPECIFICATION

Model	UV Lamp Power	Capacity	Pond Max Flow	Dimensions Inlet/Outlet (mm)			Recommended Pump Qmax	Dimensions
	(W)	(Litres)	(Litres)	Inlet Tube	Outlet Tube	Waste Outlet	(l/hr)	(mm)
PM13500PF	-	30	13500	25 32	25 32	40	18000	435x370x642
PM13500PUF *UV Option*	24	30	13500	25 32	25 32	40	18000	435x370x642

3. DIAGRAM OF PARTS - EXPLODED DRAWING

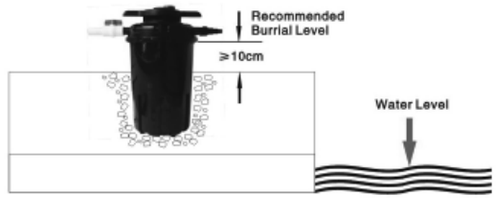


1. Handle
2. Transparent Cover
3. Top Lid Assembly
4. Outlet Gasket
5. Inlet/Outlet Assembly
6. UV Light(EPF–13500U)
7. Glass Sleeve Assembly (EPF–13500U)
8. Metal Hoop
9. Guiding Water Tube
10. Bucket Gasket
11. Black Filter Sponge
12. Blue Filter Sponge
13. Blue Filter Sponge
14. Base Plate Assembly
15. Bio–Ball
16. Bucket
17. Ball Valve Assembly
18. Pressure Releaser Gasket
19. Pressure Releaser Knob

4. INSTALLATION

4.1 Installation Position

1. Must be installed above water level.
2. Must keep bucket levelled, not easy to tilt over.
3. For ease of operation and space saving, the product is recommended to be buried in the ground.



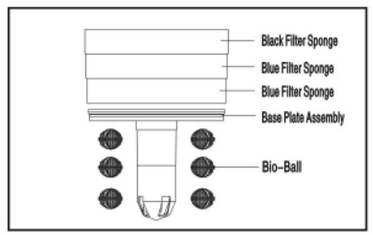
4.2 Opening of lid

1. Rotate to open the knob of the pressure releaser.
2. Remove the metal hoop between the top cover and the bucket.
3. Lift up the top cover by grabbing the inlet and waste outlet tube.

4.3 Filter media placement

1. Please follow the placement order shown below to ensure best filtering.

Layer 1	Black filter
Layer 2	Blue filter
Layer 3	Blue filter
Layer 4	Base plate Assembly
Layer 5	Bio-balls (60pcs)

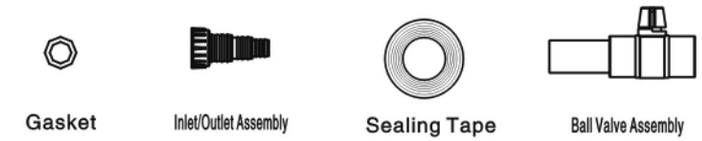


2. After completing above step, please close the top cover assembly and tighten with metal hoop. Please have adult handle the mental hoop to prevent accidental nipping of the hand.

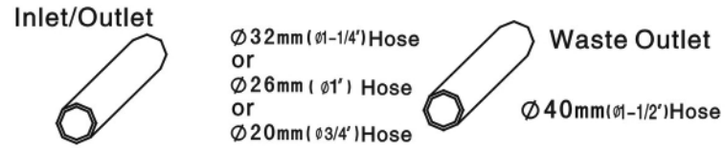
4. INSTALLATION (CONTINUED)

4.4 Inlet/Outlet Tube Installation

1. Included Assembly parts

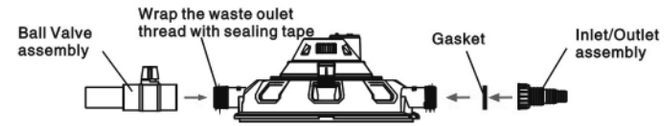


2. Required Purchase parts

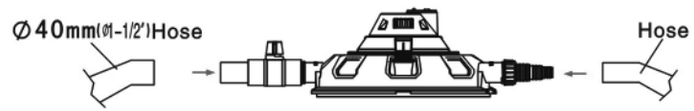


A) Wrap the waste outlet thread with sealing tape, then screw in the waste outlet assembly with ball valve. Tighten to prevent leakage.

B) Place the gasket onto inlet/outlet, then screw on to tighten the inlet/outlet assembly



C) Plug in three different hoses onto the inlet/outlet and waste outlet assembly



D) The hose connecting to the inlet port marked "PUMP" needs to have the other end connected to the water pump.

E) The hose connecting to the outlet port marked "WORK" needs to have the other end connected to the pond, so that the filtered water can return to the pond, waterfall, or fountain.

F) The hose connecting to the ball valve assembly needs to have the other end connected to a sump or a sprayer for watering the plants.

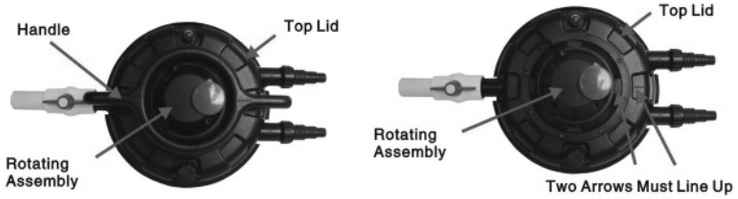
Note: *If the user will only use the largest diameter on the Inlet/Outlet assembly for hose connection, then the two smaller diameter sections can be sawed off for guaranteed flow and increased filter efficiency.*

5. START-UP

5.1 Position the ball valve in closed condition

5.2 Make sure the water pump is submerged in pond with great connection. Ensure that the hose connection is not bending.

5.3 Rotate the handle so that the arrow will point to "WORK"



5.4 Make sure the power plug is dry before plugging into receptacle that is positioned in a safe position without being rained on.

5.5 After start-up, make sure all parts are operating properly without leakage.

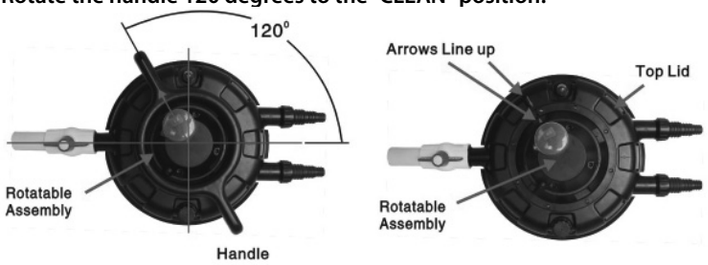
5.6 For PM13500PUF, open the transparent cover to turn on the UV light, observe whether LED lights up which would indicate if UV light is functioning.

6. BACK-WASH

6.1 When the red rubber inside the annunciator rises to viewable level through the transparent cover, there is too much waste accumulated inside the bucket and backwash is needed.

6.2 Turn off the water pump, make sure UV light is in "off" position (for PM13500PUF)

6.3 Rotate the handle 120 degrees to the "CLEAN" position.



6. BACK-WASH (CONTINUED)

6.4 Rotate the handle 120 degrees to the "CLEAN" position.

6.5 Make sure one end of the hose is connected to the ball valve and the other end connected to sump, then turn on the water pump to begin backwash.

6.6 After water coming out of the waste outlet turns clean, shut off the water pump. Rotate the handle back to "Work" position and turn on the water pump back on to begin filtering process.

6.7 Since the waste will not be completely cleaned during the backwash, it is recommended to take out the filter media for thorough cleaning after performing three times of backwash.

7. UV LIGHT USAGE & REPLACEMENT

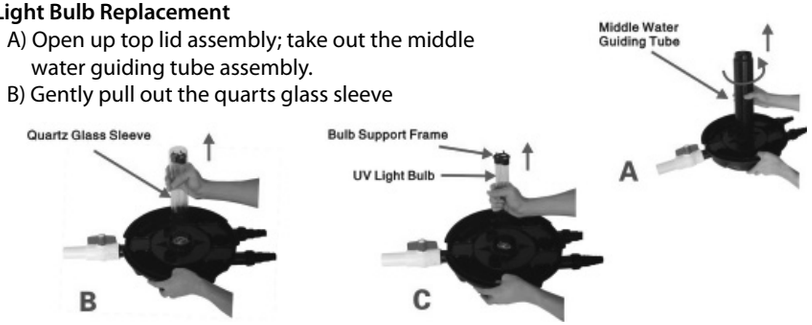
7.1 UV Light Usage

A) Open up the transparent cover on the top lid.
B) Turn on by pressing "-" downward, if the LED indicator lights up then the UV Light is working.
C) Turn off by pressing "o" downward, if the LED indicator light is off, then the UV Light has stopped working.
D) Close off the transparent cover.

Note: *A. If the LED indicator does not light up after pressing "-", then UV light might need replacing.*
B. The working hour of the UV light can be determined by pond capacity & breeding type.

7.2 UV Light Bulb Replacement

A) Open up top lid assembly; take out the middle water guiding tube assembly.
B) Gently pull out the quarts glass sleeve



C) Pull out the failed UV bulb, and then take off the bulb support frame. Replace with a new bulb by attaching the support frame; insert it into the receptacle, and then slide the quarts glass sleeve back on.